

# **CARB LCFS Expert Workgroup Land Cover Types**

## **Progress Report**

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## Prioritized list of topics/questions and expected time for resolving them for CARB

- 1) What types of land cover can we identify as land sources for new agricultural lands (ST) - July
- 2) State and national global data sets – resolution, timeliness, gaps, are they relevant (ST) - August
- 3) Definition of marginal land (ST) - June
- 4) Lots of input to bring land up to level of productivity and impacts on GHG (BSTLT) - September
- 5) What would the land be used for? Take the dynamic development of land into account. What is the long-term dynamic land use baseline? Effect of adding biofuels into this system. (BSTLT) - October
- 6) Elasticity transformation (ST) - October
- 7) Elasticity with respect to area expansion for different land cover types (ST) – Oct.
- 8) Investigate relevant parameters/variables in GTAP with respect to land use change and how they relate to this task – (ST) - August
- 9) Remote sensing validation (LT) – September/October
- 10) Land cover as related to technological reclamation (UKN) - October
- 11) Reconciliation of agricultural land (land transformation elasticity) (BSTLT) – Oct.

# Expert Reviewers (partial list)

- Andre Nassar, a economist from the Brazilian Institute for International Trade Negotiations – ICONE, as an expert about land use dynamics in Latin America
- Jon Foley, University of Minnesota, Institute on the Environment
- John Blair, Kansas State University
- Alan Knapp, Colorado State University